

Title (en)

Withdrawable device of vacuum circuit breaker

Title (de)

Ausziehbare Vorrichtung eines Vakuumleistungsschalters

Title (fr)

Dispositif amovible de disjoncteur à vide

Publication

EP 2254208 A3 20140702 (EN)

Application

EP 10163097 A 20100518

Priority

KR 20090044697 A 20090521

Abstract (en)

[origin: EP2254208A2] A withdrawable device (50) of a vacuum circuit breaker for transferring a vacuum circuit breaker received in a cradle, includes: a carriage (10) on which the vacuum circuit breaker is loaded; a first transfer unit (20) fixed to the carriage; a second transfer unit (30) installed at one side of the cradle such that it can be driven, and transferring a transfer force to the first transfer unit; and a transfer limiting unit (40) for selectively limiting driving of the second transfer unit.

IPC 8 full level

H02B 11/127 (2006.01)

CPC (source: EP KR US)

H01H 33/60 (2013.01 - KR); **H01H 33/66** (2013.01 - KR); **H02B 11/127** (2013.01 - EP US)

Citation (search report)

- [X] US 2004212943 A1 20041028 - YOON SEOK-JUNG [KR]
- [X] EP 1914853 A2 20080423 - LG IND SYSTEMS CO LTD [KR]
- [X] JP S5033229 U 19750410
- [X] JP S5532631 U 19800303
- [E] EP 2228878 A2 20100915 - LS IND SYSTEMS CO LTD [KR]

Cited by

CN109768489A; EP2662875A1; FR2990560A1; EP3193418B1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

EP 2254208 A2 20101124; EP 2254208 A3 20140702; EP 2254208 B1 20180509; CN 101894705 A 20101124; CN 101894705 B 20130605; ES 2682994 T3 20180924; JP 2010273538 A 20101202; JP 5096521 B2 20121212; KR 101158604 B1 20120622; KR 20100125812 A 20101201; US 2010294630 A1 20101125; US 8212163 B2 20120703

DOCDB simple family (application)

EP 10163097 A 20100518; CN 201010185654 A 20100521; ES 10163097 T 20100518; JP 2010116540 A 20100520; KR 20090044697 A 20090521; US 78011310 A 20100514